VIC-20
COLOUR COMPUTER

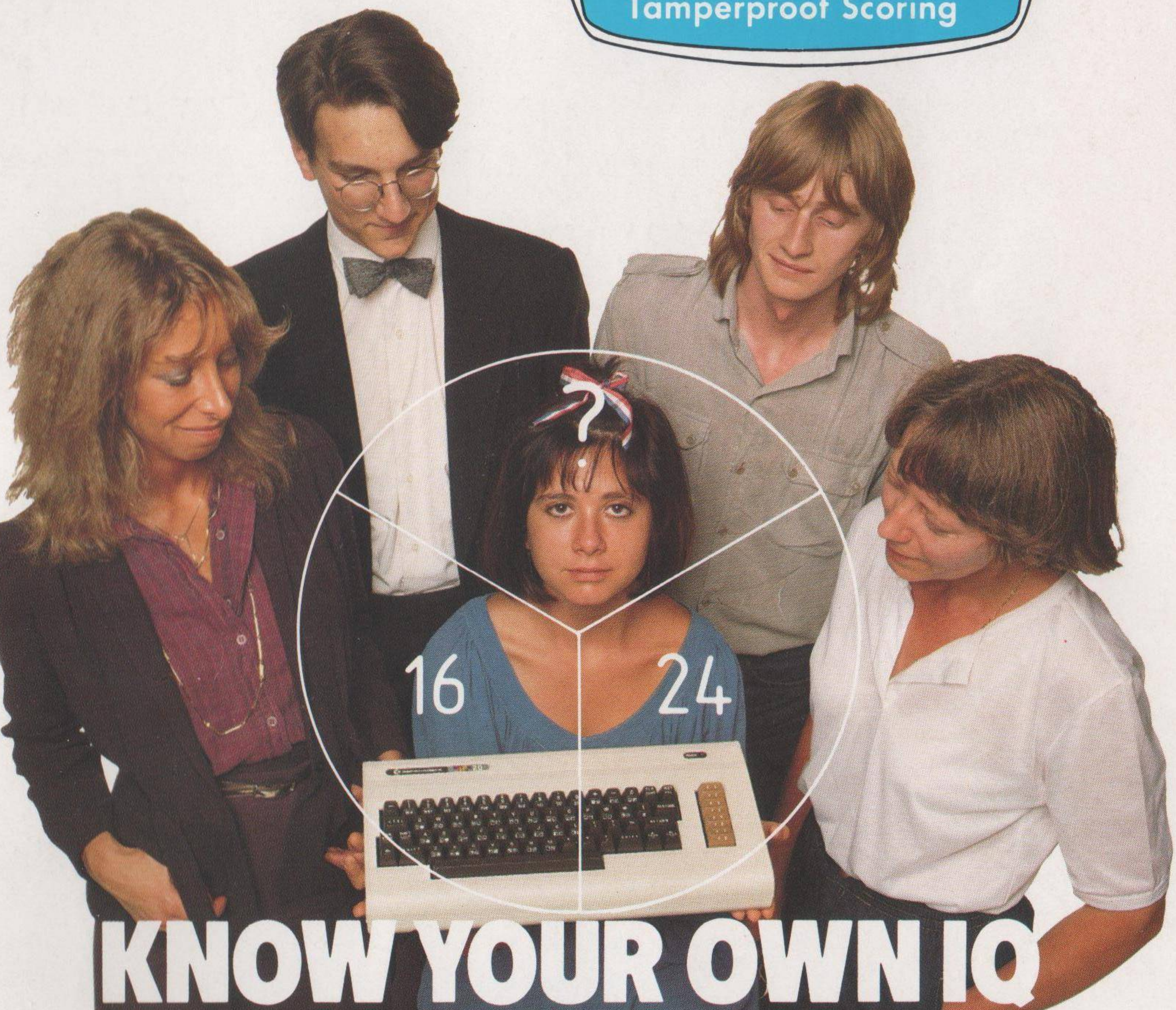
cassette
SOFTWARE

Discover your own IQ

4 IQ Tests

160 Problems to solve

Automatic and Tamperproof Scoring



KNOW YOUR OWN IQ

Professor H. J. Eysenck

The world famous series of IQ Tests specially adapted for VIC-20

By arrangement with Professor H. J. Eysenck and Penguin Books Limited

This Program requires the use of an 8K or 16K RAM Expansion Cartridge in the VIC-20

KNOW YOUR OWN IQ

Professor Hans Eysenck & Doctor Glenn Wilson

This VIC-20 IQ test program has been adapted from the well known Pelican book 'Know Your Own IQ' by Professor Hans Eysenck. Four of the book's tests, each of 40 questions, have been incorporated together with an example test of 12 questions. Correct answers are only given for the example test. This is to ensure accurate scoring. No correct answers are presented in the program or in this documentation for any of the problems in the four main tests. If, for your own interest purposes, you wish to know the correct answers, these can be found in the Pelican book 'Know Your Own IQ' ISBN 01402.05160.

The score obtained from each test completed, or partially completed if you run out of time, (30 minutes per test) is measured by the program against the IQ norms based on Professor Eysenck's research results, and this measurement is presented at the end of each test.

As the scores are only accurate within defined limits, very high or very low scores will be presented as 'above 130' or 'below 100'.

WARNING

THE IQ TESTS IN THIS PROGRAM CAN ONLY BE USED TO PROVIDE AN INDICATION OF IQ OR POTENTIAL IQ. THIS PROGRAM IS NOT DESIGNED TO BE AND SHOULD NOT BE USED FOR ASSESSMENT PURPOSES WHERE THERE MAY BE A BEARING ON A CANDIDATE'S FUTURE. PLEASE SEE THE SECTION TITLED 'EXPLANATORY NOTES'.

Loading and Running

1. Switch off VIC to clear the memory capacity and make sure your 8K or 16K RAM Expansion Cartridge is plugged into the slot at the back of VIC before carrying out the following:

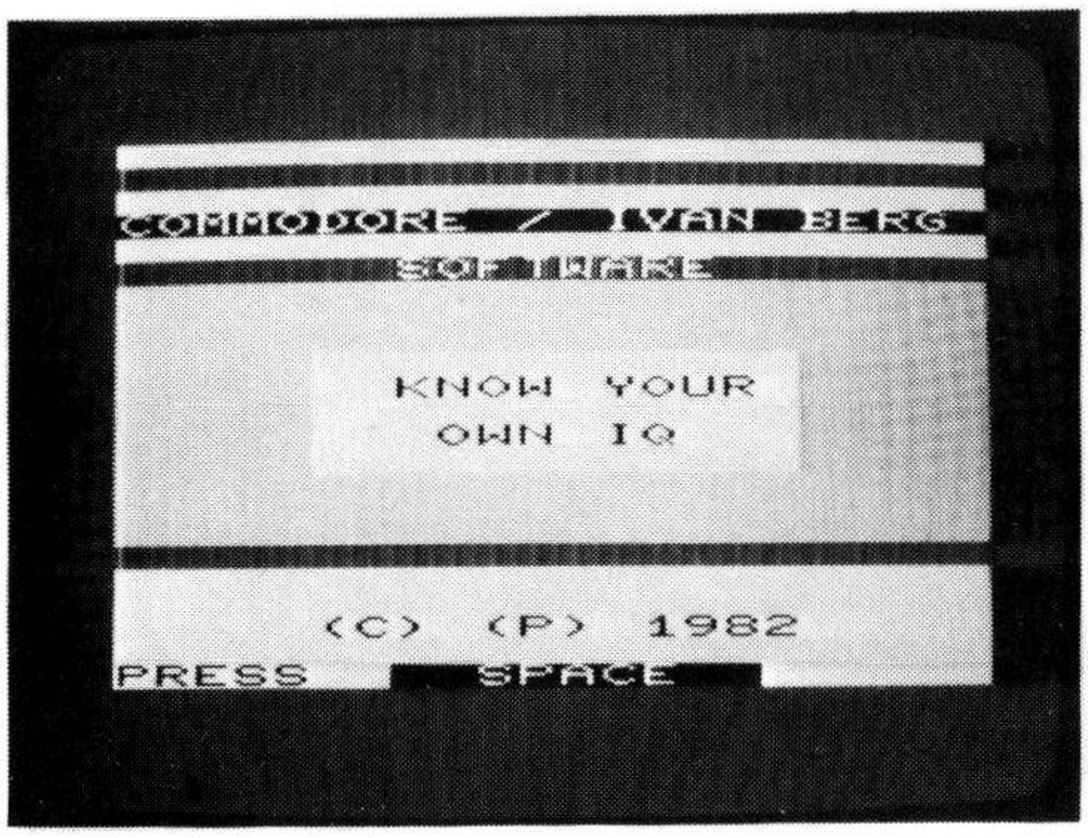
2. Switch on VIC. Place the OPERATING SOFTWARE cassette in the cassette deck and ensure that the tape is rewound. (NOTE: The OPERATING SOFTWARE program is recorded twice on each side of the cassette for problem-free loading.)

3. Type LOAD"OWN IQ" (Don't forget the quotation marks) and press RETURN. VIC will respond with PRESS PLAY ON TAPE.

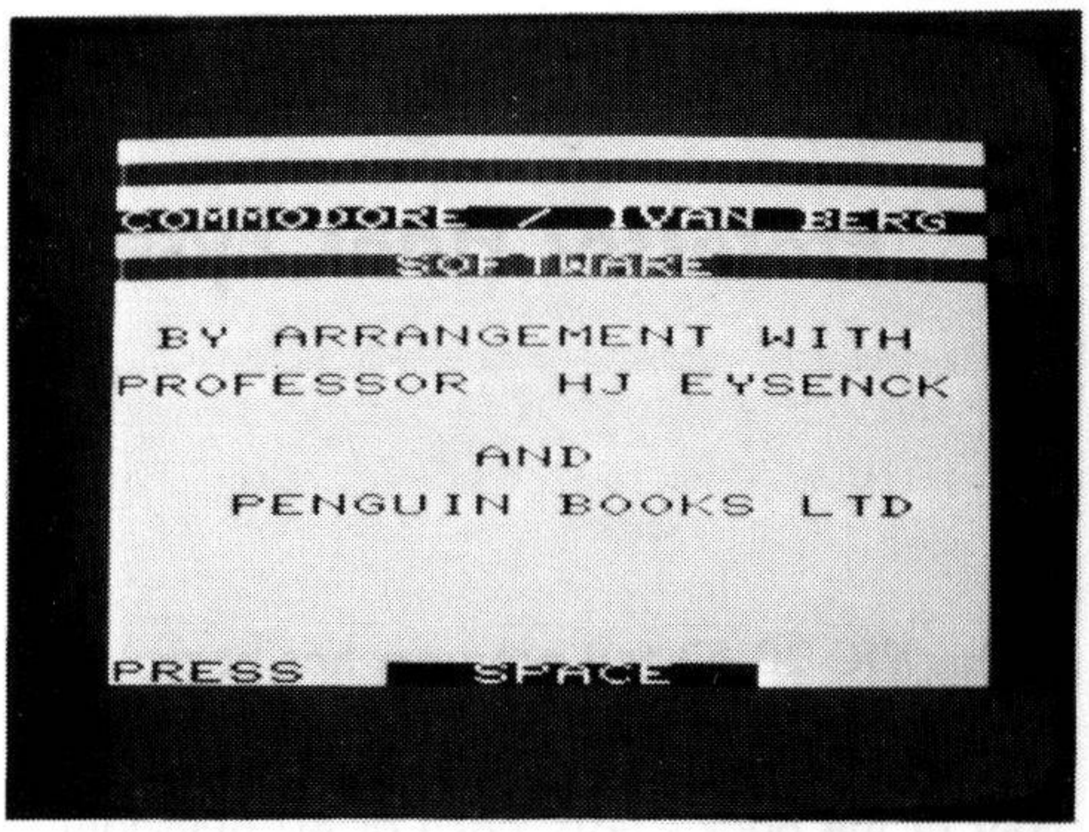
4. Press PLAY on the cassette deck and VIC will respond with SEARCHING FOR OWN IQ then after a few seconds FOUND IQ TEST LOADING. Loading will take a couple of minutes.

If VIC does not display FOUND IQ TEST LOADING after approximately 30 seconds, carry out steps 1 to 4 again. If VIC does load the program but presents LOAD ERROR on screen, carry out steps 1 to 4 again but DO NOT REWIND THE TAPE. Remember the program is recorded *twice* on each side of the cassette. Once the program is loaded VIC will display READY.

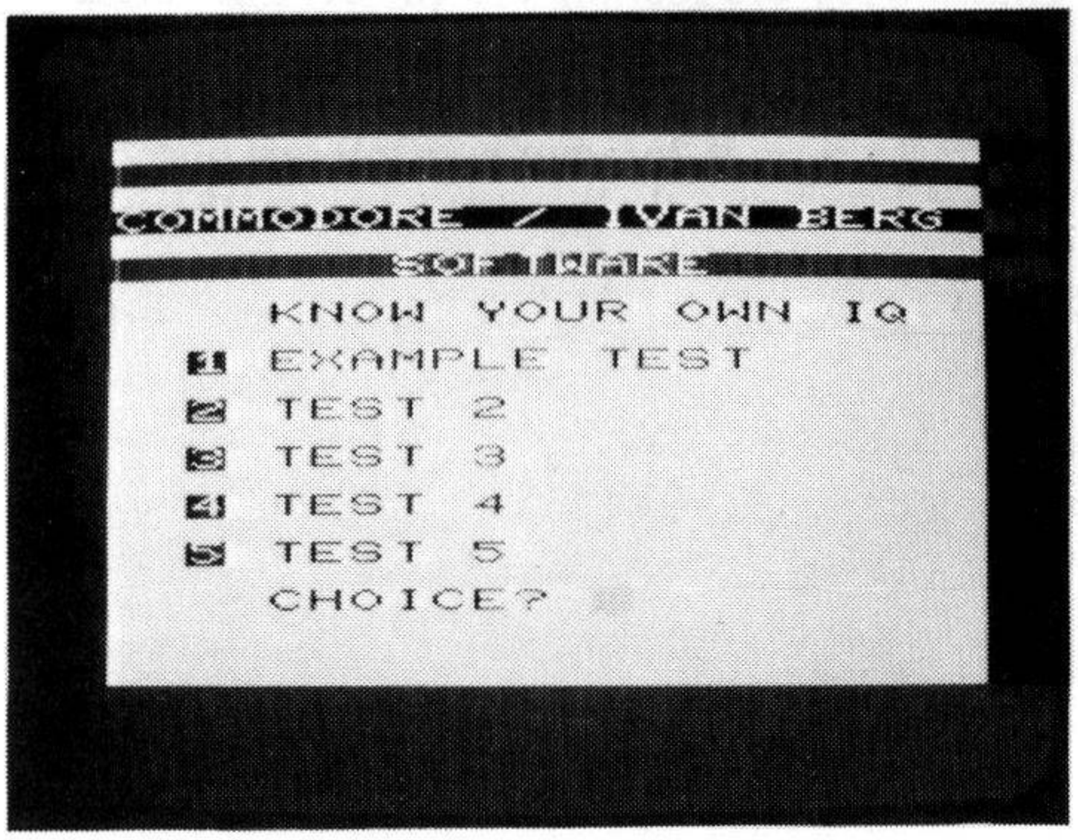
5. Type RUN and press RETURN.



6. This is the program title. Press the Keyboard Space Bar as requested.

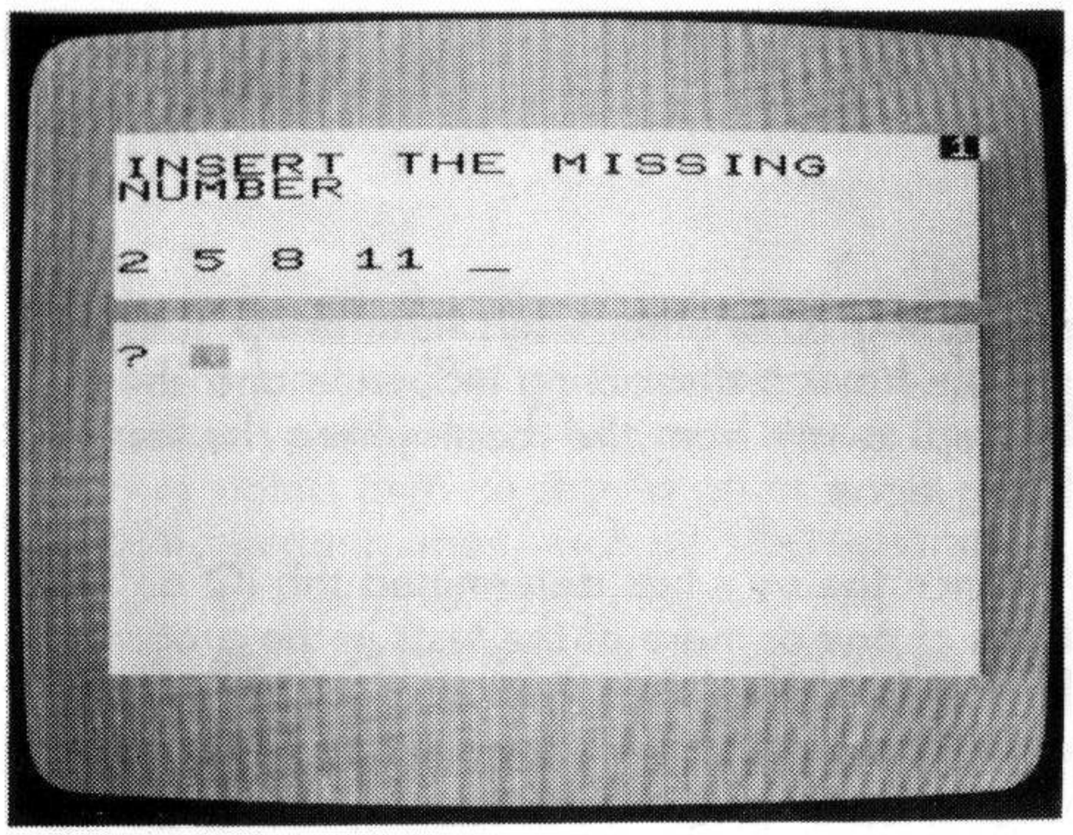


7. This credit page will then appear on the screen. Press the Space Bar once again.

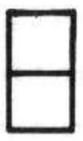


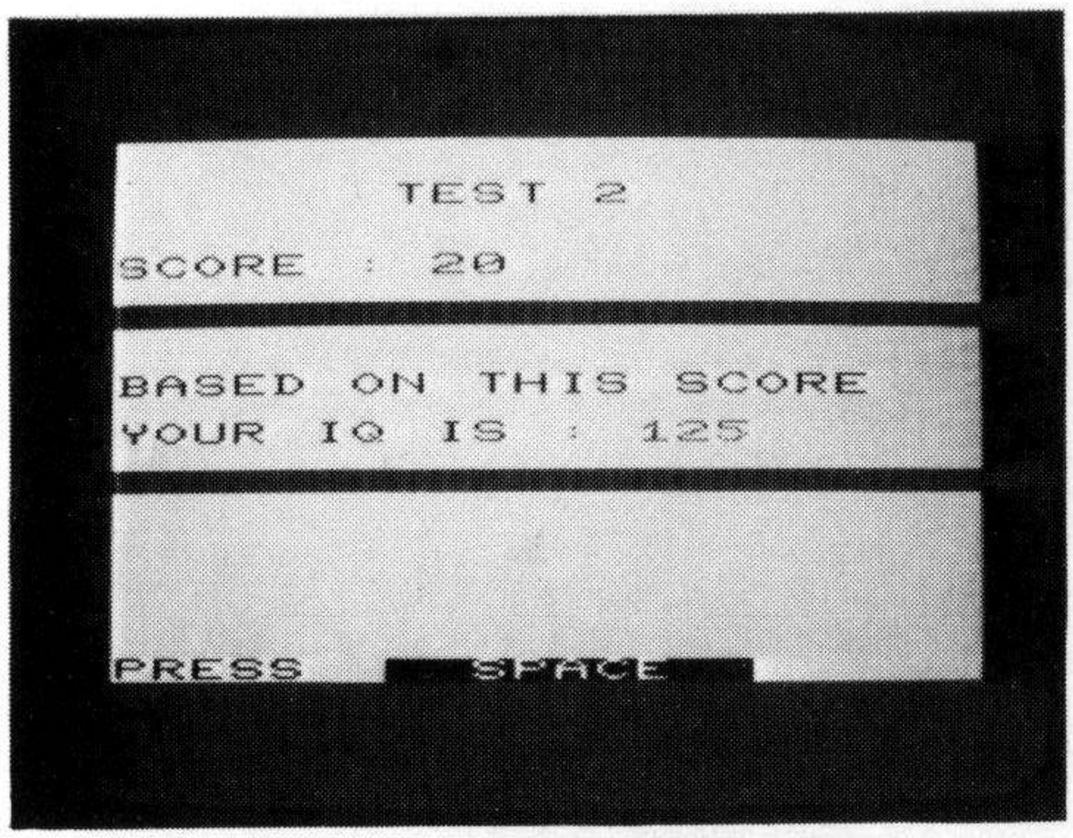
8. This is the Program's Main Menu. As you can see, there are four IQ tests plus an Example Test. The most efficient way of using this program is to do each test in the sequence presented on the Main Menu.
Select your option from the Main Menu, say 1, Example Test 1 and press RETURN. The VIC will ask you to load the Data cassette. Take the Operating cassette out of the cassette deck. Replace this with the Data cassette and make sure that it is rewound. Press the Space Bar as requested.

9. VIC will ask you to press PLAY ON TAPE and will begin to search for Example Test. VIC will begin to load the questions and the numbers of the questions will appear on the screen as they are loaded. Each Test has 40 questions (the Example Test has 12) but only 20 are loaded at a time. The play button on your cassette deck can remain pressed down and once you have answered the first 20 questions, the VIC will automatically load the next 20. NOTE: **If you have a 16K RAM Expansion all 40 questions will be automatically loaded.**

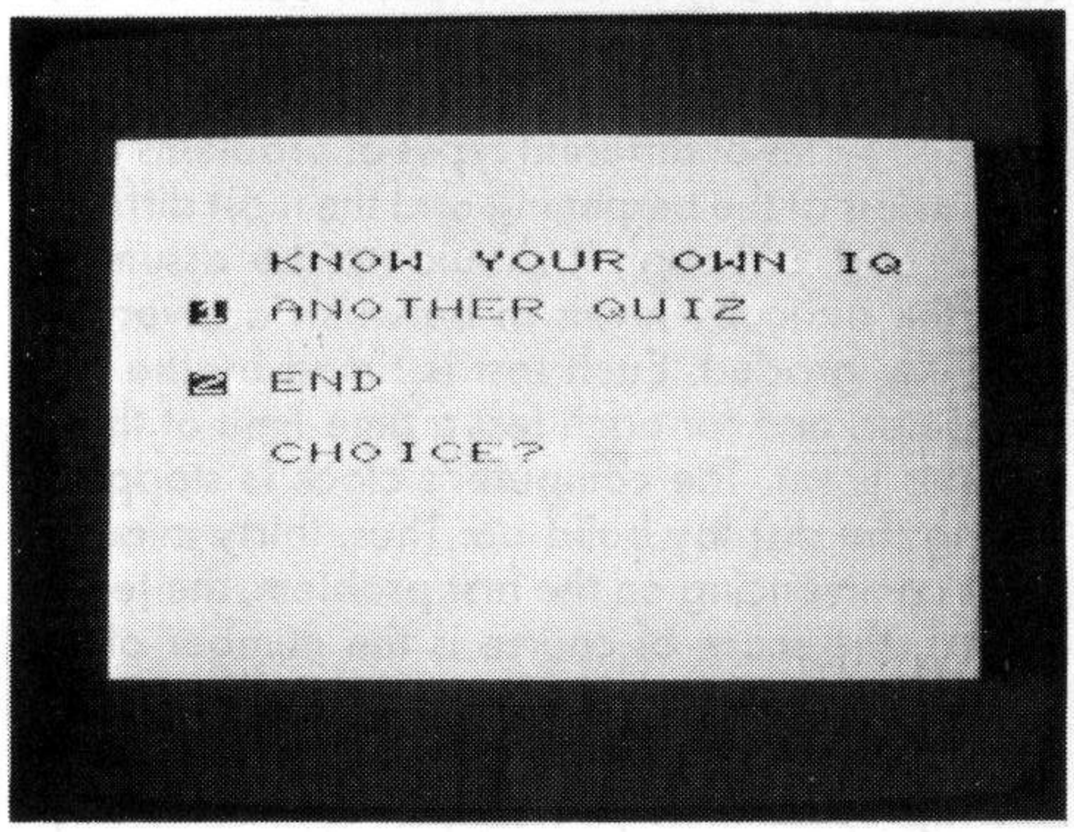


10. Once 20 questions have been loaded, the first will appear on your screen. Here is the first question. Type your answer and press RETURN. Where a question requires two numbers or two letters as an answer (eg. A and C or 21 and 50) enter them with a single space between them, eg. AspaceC, 21space50.

In questions where there is a box such as  requiring a number or letter for each box, enter the top box number/letter first. The number of each question will appear in a small box in the top right hand corner of the screen. With the Example Test only you will be told whether your answer was correct or not. With a wrong answer, the correct one is given.



11. After all the questions for an entire test are completed, VIC will compute the scores and display your IQ based on the result of that test only.



12. Press SPACE AND VIC will ask you if you want another test. Selecting "Another Test" returns you to the Main Menu. Provided that you are doing the tests in the order specified in the Menu, there will be no need to rewind the tape. If, however, you are not doing the tests in the specified order, rewind the tape on receiving the prompt REWIND TAPE PRESS SPACE.

13. In order to terminate the program, select END.

Explanatory Notes

There are four IQ tests in this program, consisting of forty problems each; each test is a complete entity in itself and can be used without reference to the other three. Each test consists of a varied series of different types of problems with the easiest at the beginning and the most difficult at the end, although it should not be assumed that the difficulty levels in between are very carefully graded. Each test is timed by the computer, and for each test a time-limit of thirty minutes is set. The computer's clock is stopped during the display build-up. Thus, thirty minutes after commencing on the first problem, the test is ended; the score of course is the number of correctly answered problems obtained by this time. The other three tests should be treated in exactly the same way so that the user will end up with four separate assessments of his IQ which can then be averaged to give a more accurate assessment than any single test score would give. Alternatively, the tests may be used to test four different people or to give two tests to each of two people, and so forth.

To make the test a reasonably valid one, certain definite precautions should be observed. No help of any kind must be given to the person doing the test by anybody else; indeed it is much preferable if nobody else watches the test being done. The administration of an intelligence test may seem a fairly routine procedure, particularly when the test is a group one, but even so most psychologists have occasionally experienced some rather shocking departures from the methods laid down. Thus teachers, who often administer such tests, occasionally give way to the ingrained habit of correcting errors and point an accusing finger at little Johnny's answer to a problem saying 'That is not right!', in addition to prompting or in other ways interfering. Other people have a distracting influence and should be kept away from the room where the test is being done.

Once the user has determined the IQ on the basis of one or more of the tests in the program, he should realize that there is a certain amount of spurious accuracy involved in any single figure purporting to give a measure of his intelligence. To say that a test reveals a person's IQ to be 128 is unduly optimistic; what the result really means is something like this:

'This chap is quite bright, with an average level of performance probably lying between 120 and 135. He may in addition be outstandingly good or bad in certain more specialized fields such as verbal intelligence, or numerical intelligence, or with respect to originality or memory; this we cannot tell from the test result.' If a similar IQ comes up on each of the four tests in the program, then the average is probably quite a good approximation to the true IQ.

If there is a good deal of variability then one would regard the average as not being terribly trustworthy. It should be noted, however, that this variability is not necessarily a fault of the test. There is ample evidence that some individuals have a general tendency to be more variable in their performance on any kind of test, and this is a personality characteristic which may come out on tests of this type as well.

What use can be made of an IQ thus determined? I should say the user will be best advised to regard it strictly as helping him to 'know himself' better. He should not base any serious decisions on the result, such as whether or

not he is qualified to go to university, take a particular kind of job, or to undertake a particular type of work. If he needs advice on any of these points then he should go to a properly qualified organization, such as the National Institute of Industrial Psychology, or the Psychological Department of his local university, where he will be given expert advice and guidance, and be tested on a professional basis. As I have pointed out many times, there is no reason why one should not take one's own temperature, but there is every reason in the world why one should not diagnose one's own illnesses on the basis of the thermometer reading, in the absence of a medical training. I do not believe there is any harm in determining one's own IQ in a rough and ready manner, but there is every reason in the world why the interpretation of the results, or their application for practical purposes, should be left to someone with suitable qualifications. This is all the more true when it is realized that there are far more errors that can be made in determining one's own IQ than one's own temperature, and while I have warned against some obvious errors, it is impossible to anticipate and rule out all the things a person might do which would invalidate the measurement of his IQ. In brief, the tests in this computer program should be used for amusement only, and should not be taken very seriously. If any decisions are to be made involving the true knowledge of a person's intelligence, then the tests in this program are emphatically not sufficient and should be supplemented by tests selected and applied by a properly qualified psychologist.

H.J. EYSENCK

IQ RECORD CHART

DATE	NAME	AGE	SEX	TEST No.	RESULT

IQ RECORD CHART

DATE	NAME	AGE	SEX	TEST No.	RESULT

IQ RECORD CHART

DATE	NAME	AGE	SEX	TEST No.	RESULT

The information in this manual has been reviewed and is believed to be entirely reliable. No responsibility, however, is assumed for inaccuracies. The material in this manual is for information purposes only, and is subject to change without notice.

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COMMODORE BUSINESS MACHINES (UK) LIMITED
675 Ajax Avenue, Slough Trading Estate, Slough, Berks SL1 4BG ENGLAND

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